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# United States Patent [19] DiGiulio et al.

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[54] **SENSOR PROCESSOR FOR HIGH-SPEED MAIL-HANDLING MACHINE**

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### Related U.S. Application Data

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[52] U.S. Cl. .... **177/25.15; 364/464.02**

[58] Field of Search ..... **177/25.15; 364/464.02, 364/464.03**

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### [57] ABSTRACT

A sensor processor for cooperating with a drive controller in a high-speed mail-handling machine. The sensor processor access periodically a plurality of sensors distributed throughout the machine, and then writes the sensor data to an NVM-RAM shared with the drive controller. Time-critical sensors are accessed more frequently than non-time-critical sensors.

**8 Claims, 6 Drawing Sheets**

